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PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applic	ant's or	agen	t's file reference	FOR FURTHER ACT	ON See Notification	on of Transmittal of International		
PD020100				FOR FURTHER ACTION See Notification of Harismatter of Internation Report (Form PCT/IPEA/416)				
	ational		ation No. 42	International filing date (da 10.10.2003	ay/month/year)	Priority date (day/month/year) 14.10.2002		
				 oth national classification and	d IPC			
	L19/00							
i								
Applic	cant							
		N LIC	CENSING S.A. ET A	L.				
<u> </u>								
1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.								
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			NOT consists of a total	of 4 sheets, including this	s cover sheet			
2.	ınıs							
	\boxtimes	This	report is also accompa	anied by ANNEXES, i.e. s	heets of the descrip	tion, claims and/or drawings which have rectifications made before this Authority		
		(see	Rule 70.16 and Section	on 607 of the Administrativ	e instructions unde	r the PCT).		
	Thes	e anr	nexes consist of a total	of 3 sheets.				
з.	This	repor	t contains indications r	relating to the following ite	oms:			
	Basis of the opinion							
	11		Priority					
}	411				d to novelty, inventive step and industrial applicability			
	IV		Lack of unity of inven					
	٧	×	Reasoned statement citations and explana	t under Rule 66.2(a)(ii) wit ations supporting such sta	in regard to novelty, itement	inventive step or industrial applicability;		
	۷I		Certain documents c					
	VII			e international application				
	VIII		Certain observations	on the international appl	ication			
			on of the demand		Date of completion o	of this report		
Date	e or sul	mussi	on or the demand			·		
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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/EP 03/11242

I. Basis	of the	report
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1.	46	regard to the elements of the international application (Replacement sheets which have been furnished to receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17)):				
	Des	cription, Pages				
	1-12	as originally filed				
	Clai	ms, Numbers				
	1-13	received on 02.09.2004 with letter of 30.08.2004				
	Drav	wings, Sheets				
	1/4-4	1.1.1.1.51				
2.	With lang	With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.				
	The	se elements were available or furnished to this Authority in the following language: , which is:				
		the language of a translation furnished for the purposes of the international search (under Rule 23.1(b)).				
		the language of publication of the international application (under Rule 48.3(b)).				
		the language of a translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).				
3	. Witl	h regard to any nucleotide and/or amino acid sequence disclosed in the international application, the ernational preliminary examination was carried out on the basis of the sequence listing:				
		contained in the international application in written form.				
		filed together with the international application in computer readable form.				
		furnished subsequently to this Authority in written form.				
		furnished subsequently to this Authority in computer readable form.				
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.				
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.				
4	1. Th	e amendments have resulted in the cancellation of:				

pages: Nos.:

sheets:

☐ the description,

the claims,

the drawings,

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

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5. 🗆	This report has been established as if (some of) the amendments had not been made, some considered to go beyond the disclosure as filed (Rule 70.2(c)).	since they	have
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(Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.)

- 6. Additional observations, if necessary:
- V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- 1. Statement

Novelty (N)

Yes: Claims
No: Claims

Inventive step (IS)

Yes: Claims
No: Claims

Industrial applicability (IA)

Yes: Claims
No: Claims

1-13
No: Claims

2. Citations and explanations

see separate sheet

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following document:

D1: PURNHAGEN H.: "An overview of MPEG-4 audio version 2" AES 17TH INTERNATIONAL CONFERENCE ON HIGH QUALITY AUDIO CODING, 2 September 1999 (1999-09-02), - 5 September 1999 (1999-09-05) XP002239258 Italy

The document D1 is regarded as being the closest prior art to the subject-matter of claims 1, 13, and shows (section 2.5 Environmental spatialisation) the possibility to integrate in the MPEG 4 encoding scheme descriptors of an audio scene, in particular the position of sound sources in a room and the acoustic properties of this room.

The subject-matter of claims 1, 13 differs from this known modelisation in that the application allows to represent the shape of a sound source which is no longer a simple point such as represented in D1.

The subject-matter of claims 1, 13 is therefore new (Article 33(2) PCT).

The problem to be solved by the present invention may be regarded as how to integrate the shape of a sound source in an audio coding scheme.

The solution to this problem proposed in claims 1, 13 of the present application is considered as involving an inventive step (Article 33(3) PCT) since not disclosed nor directly derivable from the available prior art. The only available published documents from the prior art dealing with this particular problem (see the search report) are posterior to the priority date of the application.

Claims 2-12 are dependent on claim 1 and as such also meet the requirements of the PCT with respect to novelty and inventive step.